

RIGLIETTI,ROBERT

DOB: 07/30/1995	Age: 29	Specimen: ZD490104E	Collected: 05/21/2025 08:04	Client #: 90054509
Sex: M	Fasting: Y	Requisition: 0024840	Received: 05/21/2025 08:05	ESKANDER,EIRINY
Phone: (631) 793-2551		Lab Reference ID: 84566069	Reported: 05/28/2025 01:26	DIABETES AND ENDOCRINE
Patient ID: 252171102		Report Status: FINAL / SEE REPORT		SPECIALISTS
				16311 VENTURA BLVD STE 850
				ENCINO, CA 91436-1212
				Phone: (818) 918-2008
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FASTING: YES

▲ LIPID PANEL, STANDARD

Analyte	Value	Reference Range
CHOLESTEROL, TOTAL	155	Reference Range: <200 mg/dL
▲ HDL CHOLESTEROL	39 L	Reference Range: > OR = 40 mg/dL
TRIGLYCERIDES	133	Reference Range: <150 mg/dL
LDL-CHOLESTEROL	93	mg/dL (calc)
Reference range: <100		
Desirable range <100 mg/dL for primary prevention; <70 mg/dL for patients with CHD or diabetic patients with > or = 2 CHD risk factors.		
LDL-C is now calculated using the Martin-Hopkins calculation, which is a validated novel method providing better accuracy than the Friedewald equation in the estimation of LDL-C. Martin SS et al. JAMA. 2013;310(19): 2061-2068 (http://education.QuestDiagnostics.com/faq/FAQ164)		
CHOL/HDLC RATIO	4.0	Reference Range: <5.0 (calc)
NON HDL CHOLESTEROL	116	Reference Range: <130 mg/dL (calc)
For patients with diabetes plus 1 major ASCVD risk factor, treating to a non-HDL-C goal of <100 mg/dL (LDL-C of <70 mg/dL) is considered a therapeutic option.		

▲ CELIAC DISEASE COMPREHENSIVE PANEL

Analyte	Value	Reference Range
INTERPRETATION	SEE NOTE	
No serological evidence of celiac disease. Total serum IgA is elevated. Consider mucosal inflammatory conditions or underlying gammopathy.		
TISSUE TRANSGLUTAMINASE AB, IGA	<1.0	U/mL
Units Value	Interpretation	
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<15.0	Antibody not detected	
> or = 15.0	Antibody detected	

▲ IMMUNOGLOBULIN A **316 H** Reference Range: 47-310 mg/dL

▲ CBC (INCLUDES DIFF/PLT)

Analyte	Value	Reference Range
WHITE BLOOD CELL COUNT	5.9	Reference Range: 3.8-10.8 Thousand/uL
RED BLOOD CELL COUNT	5.55	Reference Range: 4.20-5.80 Million/uL

HEMOGLOBIN	17.1	Reference Range: 13.2-17.1 g/dL
▲ HEMATOCRIT	50.3 H	Reference Range: 38.5-50.0 %
MCV	90.6	Reference Range: 80.0-100.0 fL
MCH	30.8	Reference Range: 27.0-33.0 pg
MCHC	34.0	Reference Range: 32.0-36.0 g/dL
For adults, a slight decrease in the calculated MCHC value (in the range of 30 to 32 g/dL) is most likely not clinically significant; however, it should be interpreted with caution in correlation with other red cell parameters and the patient's clinical condition.		
RDW	12.6	Reference Range: 11.0-15.0 %
PLATELET COUNT	263	Reference Range: 140-400 Thousand/uL
MPV	8.4	Reference Range: 7.5-12.5 fL
ABSOLUTE NEUTROPHILS	2879	Reference Range: 1500-7800 cells/uL
ABSOLUTE LYMPHOCYTES	2301	Reference Range: 850-3900 cells/uL
ABSOLUTE MONOCYTES	543	Reference Range: 200-950 cells/uL
ABSOLUTE EOSINOPHILS	124	Reference Range: 15-500 cells/uL
ABSOLUTE BASOPHILS	53	Reference Range: 0-200 cells/uL
NEUTROPHILS	48.8	%
LYMPHOCYTES	39.0	%
MONOCYTES	9.2	%
EOSINOPHILS	2.1	%
BASOPHILS	0.9	%

▲ CORTISOL, A.M.

Analyte	Value
▲ CORTISOL, A.M.	22.7 H mcg/dL
Reference Range 8 a.m. (7-9 a.m.) Specimen: 4.0-22.0	

▲ VITAMIN D,25-OH,TOTAL,IA

Analyte	Value
▲ VITAMIN D,25-OH,TOTAL,IA	25 L Reference Range: 30-100 ng/mL
Vitamin D Status	25-OH Vitamin D:
Deficiency:	<20 ng/mL
Insufficiency:	20 - 29 ng/mL
Optimal:	> or = 30 ng/mL

For 25-OH Vitamin D testing on patients on D2-supplementation and patients for whom quantitation of D2 and D3 fractions is required, the QuestAssureD(TM) 25-OH VIT D, (D2,D3), LC/MS/MS is recommended: order code 92888 (patients >2yrs).

COMMENT

See Note 1

Note 1

For additional information, please refer to <http://education.QuestDiagnostics.com/faq/FAQ199> (This link is being provided for informational/ educational purposes only.)

COMPREHENSIVE METABOLIC PANEL

Analyte	Value	
GLUCOSE Fasting reference interval	93	Reference Range: 65-99 mg/dL
UREA NITROGEN (BUN)	18	Reference Range: 7-25 mg/dL
CREATININE	1.03	Reference Range: 0.60-1.24 mg/dL
EGFR	101	Reference Range: > OR = 60 mL/min/1.73m ²
BUN/CREATININE RATIO Not Reported: BUN and Creatinine are within reference range.	SEE NOTE:	Reference Range: 6-22 (calc)
SODIUM	137	Reference Range: 135-146 mmol/L
POTASSIUM	4.3	Reference Range: 3.5-5.3 mmol/L
CHLORIDE	102	Reference Range: 98-110 mmol/L
CARBON DIOXIDE	28	Reference Range: 20-32 mmol/L
CALCIUM	9.9	Reference Range: 8.6-10.3 mg/dL
PROTEIN, TOTAL	7.0	Reference Range: 6.1-8.1 g/dL
ALBUMIN	4.6	Reference Range: 3.6-5.1 g/dL
GLOBULIN	2.4	Reference Range: 1.9-3.7 g/dL (calc)
ALBUMIN/GLOBULIN RATIO	1.9	Reference Range: 1.0-2.5 (calc)
BILIRUBIN, TOTAL	0.8	Reference Range: 0.2-1.2 mg/dL
ALKALINE PHOSPHATASE	85	Reference Range: 36-130 U/L
AST	19	Reference Range: 10-40 U/L
ALT	25	Reference Range: 9-46 U/L

FSH AND LH

Analyte	Value	
FSH	4.3	Reference Range: 1.4-12.8 mIU/mL
LH	4.3	Reference Range: 1.5-9.3 mIU/mL

PTH, INTACT (ICMA) AND IONIZED CALCIUM

Analyte	Value	
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PARATHYROID HORMONE, INTACT**57** Reference Range: 16-77 pg/mL

Interpretive Guide	Intact PTH	Calcium
Normal Parathyroid	Normal	Normal
Hypoparathyroidism	Low or Low Normal	Low
Hyperparathyroidism		
Primary	Normal or High	High
Secondary	High	Normal or Low
Tertiary	High	High
Non-Parathyroid		
Hypercalcemia	Low or Low Normal	High

CALCIUM**9.9** Reference Range: 8.6-10.3 mg/dL**CALCIUM, IONIZED****5.4** Reference Range: 4.7-5.5 mg/dL

TESTOSTERONE, FREE (DIALYSIS), TOTAL (MS) AND SEX HORMONE BINDING GLOBULIN

Analyte**Value****TESTOSTERONE, TOTAL, MS****609** Reference Range: 250-1100 ng/dL

For additional information, please refer to <http://education.questdiagnostics.com/faq/TotalTestosteroneL> CMSMS (This link is being provided for informational/educational purposes only.)

TESTOSTERONE, FREE**102.1** Reference Range: 35.0-155.0 pg/mL [See Note 1](#)**SEX HORMONE BINDING GLOBULIN****48** Reference Range: 10-50 nmol/L

ACTH, PLASMA

Analyte**Value****ACTH, PLASMA****49** Reference Range: 6-50 pg/mL

Reference range applies only to the specimens collected between 7am-10am.

IGF 1, LC/MS

Analyte**Value****IGF 1, LC/MS****191** Reference Range: 63-373 ng/mL**Z SCORE (MALE)****0.4** Reference Range: -2.0 - +2.0 SD [See Note 1](#)

HS CRP

Analyte**Value**

HS CRP**0.5** mg/L

Reference Range

Optimal <1.0

Jellinger PS et al. Endocr Pract.2017;23(Suppl 2):1-87.

For ages >17 Years:

hs-CRP mg/L	Risk According to AHA/CDC Guidelines
<1.0	Lower relative cardiovascular risk.
1.0-3.0	Average relative cardiovascular risk.
3.1-10.0	Higher relative cardiovascular risk. Consider retesting in 1 to 2 weeks to exclude a benign transient elevation in the baseline CRP value secondary to infection or inflammation.
>10.0	Persistent elevation, upon retesting, may be associated with infection and inflammation.

Pearson TA, Mensah GA, Alexander RW, et al. Markers of inflammation and cardiovascular disease: application to clinical and public health practice: A statement for healthcare professionals from the Centers for Disease Control and Prevention and the American Heart Association. Circulation 2003; 107(3): 499-511.

INSULIN**Analyte****Value****INSULIN****6.5** uIU/mL

Reference Range < or = 18.4

Risk:

Optimal < or = 18.4

Moderate NA

High >18.4

Adult cardiovascular event risk category cut points (optimal, moderate, high) are based on Insulin Reference Interval studies performed at Quest Diagnostics in 2022.

PROLACTIN**Analyte****Value****PROLACTIN****14.5** Reference Range: 2.0-18.0 ng/mL

T4, FREE**Analyte****Value****T4, FREE****1.4** Reference Range: 0.8-1.8 ng/dL

TSH**Analyte****Value****TSH****2.40** Reference Range: 0.40-4.50 mIU/L

T3, FREE**Analyte****Value****T3, FREE****3.7** Reference Range: 2.3-4.2 pg/mL

MAGNESIUM, RBC

Analyte	Value
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MAGNESIUM, RBC

4.4 Reference Range: 4.0-6.4 mg/dL

(Note)

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.



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Ithiel James L. Frame, MD, PhD

Note 1 This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

Performing Sites

EN Quest Diagnostics-West Hills, 8401 Fallbrook Ave, West Hills, CA 91304-3226 Laboratory Director: Thomas J McDonald
EZ Quest Diagnostics/Nichols SJC-San Juan Capistrano,, 33608 Ortega Hwy, San Juan Capistrano, CA 92675-2042 Laboratory Director: Irina Maramica MD,PhD,MBA
Z3E MedFusion-MedFusion, 2501 South State Highway 121, Suite 1100, Lewisville, TX 75067-8188 Laboratory Director: Ithiel James L Frame MD,PhD

Key

 Priority Out of Range  Out of Range

These results have been sent to the person who ordered the tests. Your receipt of these results should not be viewed as medical advice and is not meant to replace discussion with your doctor or other healthcare professional.

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